Profile/Ph	noto Observatio	n Report				RedZon
Date:	04/26/2018	Weather:			Coding:	PACP 6.0
Pipe Length (ft	t): <b>232.6</b>	Owner:	NA		Pre Clean:	Not Known
P.O.#:		Surveyor:	Mark Ruby	/	PSR:	P-605-042-011
Customer:		Clean Date	e: 01/01/190	0	Shape:	С
Street:	S WASHINGTON	ST & W 3RD ST	Flow Contro	d:	Not Controlled	
City:	Hobart, IN		Year Renew	ed:		
Location:	Other		Tape/Media	ı #:		
Purpose:	Not Known		Dia/Height:		12"	
Use:	Sanitary		Material:		VCP	
Drain Area:	NA		Lining:			
Category:	NA					
Comment:	Flow direction w	rong. Debris at 1	.18'.			
Location Detai	ils:		Direction of	Survey:	Upstream	
US MH:	M-605-011	DS MH:	M-605-042	To	tal Length Surveyed (ft)	: <b>120.2</b>
0&M Index:	2.00	O&M Quick		2100	O&M Rating:	2.00
Structural Index	3.88	Structural C	Quick:	4C31	Structural Rating:	93.00
Overall Index:	3.80	Overall Qui	ck:	4C31	Overall Rating:	95.00

Position	Code	Observation	Video (sec)	Grade
05-042				
0.	AMH	Manhole	10	NA
.0	MWL	Water Level	21	NA
.0	FM(S01)	Fracture Multiple	33	S 4
21.6	ТВ	Tap Break-in	87	NA
23.8	TF	Tap Factory	106	NA
25.9	TF	Tap Factory	122	NA
72.3	FM(F01)	Fracture Multiple	229	S 4
76.2	CL	Crack Longitudinal	252	S 2
78.8	СМ	Crack Multiple	274	S 3
79.8	TF	Tap Factory	290	NA
80.3	FM(S02)	Fracture Multiple	305	S 4
81.3	TFD	Tap Factory Defective	323	M 2
91.0	ТВ	Tap Break-in	358	NA
118.8	ТВ	Tap Break-in	429	NA
120.2	FM(F02)	Fracture Multiple	447	S 4
120.2	MSA	Abandoned Survey	458	NA
	05-042 .0 .0 .0 21.6 23.8 25.9 72.3 76.2 78.8 79.8 80.3 81.3 91.0 118.8 120.2	05-042 .0 AMH .0 MWL .0 FM(S01) 21.6 TB 23.8 TF 25.9 TF 72.3 FM(F01) 76.2 CL 78.8 CM 79.8 TF 80.3 FM(S02) 81.3 TFD 91.0 TB 118.8 TB 120.2 FM(F02)	0.0AMHManhole.0MWLWater Level.0FM(S01)Fracture Multiple21.6TBTap Break-in23.8TFTap Factory25.9TFTap Factory72.3FM(F01)Fracture Multiple76.2CLCrack Longitudinal78.8CMCrack Multiple79.8TFTap Factory80.3FM(S02)Fracture Multiple81.3TFDTap Factory Defective91.0TBTap Break-in118.8TBTap Break-in120.2FM(F02)Fracture Multiple	0 AMH Manhole 10   .0 MWL Water Level 21   .0 FM(S01) Fracture Multiple 33   21.6 TB Tap Break-in 87   23.8 TF Tap Factory 106   25.9 TF Tap Factory 122   72.3 FM(F01) Fracture Multiple 229   76.2 CL Crack Longitudinal 252   78.8 CM Crack Multiple 274   79.8 TF Tap Factory 290   80.3 FM(S02) Fracture Multiple 305   81.3 TFD Tap Factory Defective 323   91.0 TB Tap Break-in 358   118.8 TB Tap Break-in 429   120.2 FM(F02) Fracture Multiple 447



Code: Description:	AMH Manhole
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	M-605-042

M(605)011

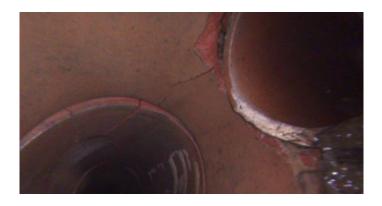


Code: MWL Description: Water Level

Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

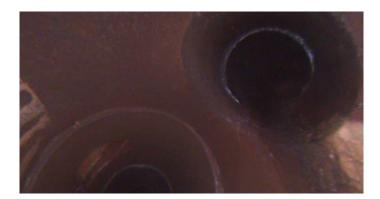


Code: Description:	FM Fracture Multiple
Distance (ft):	.0
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	7
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S01
Within 8" of Joint:	
Remarks:	

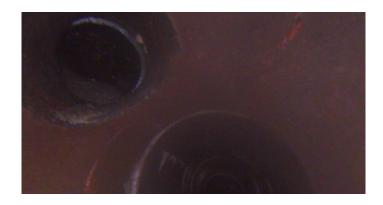


Code:	тв
Description:	Tap Break-in

Distance (ft):	21.6
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	2
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



Code: Description:	TF Tap Factory
Distance (ft):	23.8
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	10
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



Code: Description:	TF Tap Factory
Distance (ft):	25.9
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	2
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	

Remarks:



Code:	FM
Description:	Fracture Multiple
Distance (ft):	72.3
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	7
Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	5 F01



Code:CLDescription:Crack Longitudinal

Distance (ft):	76.2
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	11
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	CM
Description:	Crack Multiple
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	78.8 3 0 12 5



Code:	TF
Description:	Tap Factory
Distance (ft):	79.8
Structural Grade:	0
O&M Grade:	0
Clock Start/From: Clock To:	11
1st Value:	4.000

2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:



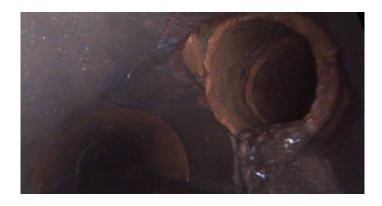
Distance (ft):80.3Structural Grade:4O&M Grade:0Clock Start/From:7Clock To:51st Value:-2nd Value:-Value Percent:S02Within 8" of Joint:-Remarks:-	



Code: TFD **Tap Factory Defective** Description: Distance (ft): 81.3 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 2 Clock To: 1st Value: 4.000 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks: Debris

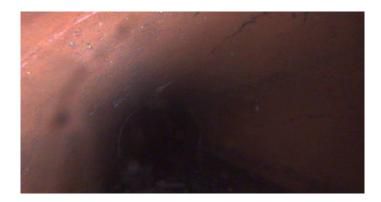


Code: Description:	TB Tap Break-in
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	91.0 0 0 10 4.000

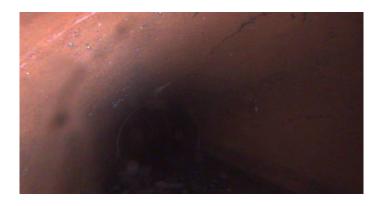


Code:	тв
Description:	Tap Break-in

Distance (ft):	118.8
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	2
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



Code:	FM
Description:	Fracture Multiple
Distance (ft):	120.2
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	7
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F02
Within 8" of Joint:	
Remarks:	



Code: Description: MSA Abandoned Survey

Distance (ft):	120.2
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	Debris